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1. (Amended) A facsimile apparatus capable of performing facsimile communication via the Internet, comprising:

communication means capable of performing a first facsimile communication based on e-mail via the Internet and a second facsimile communication not based on e-mail via the Internet; and

control means for selecting either one of a first or a second facsimile communication mode in accordance with a selected transmission mode, and causing said communication means to execute facsimile communication in accordance with the selected facsimile communication mode,

wherein said control means selects the first facsimile communication mode by a first condition, and selects the second facsimile communication mode by a second condition.

2. (Amended) The apparatus according to claim 1, wherein, when the transmission mode is set to automatic selection, said control means selects the first facsimile communication mode, which is an e-mail-based facsimile communication mode, for an A4 original size as the first condition, and selects the second facsimile communication mode, which is a session-based facsimile communication mode, for a B4 or A3 original size as the second condition.

3. (Amended) A facsimile apparatus capable of performing facsimile communication via the Internet, comprising:

communication means capable of performing session-based facsimile communication via the Internet and e-mail-based facsimile communication via the Internet; detection means for detecting a signal delay time to a calling destination; and control means for selecting either one of session-based facsimile communication mode and e-mail-based facsimile communication mode in accordance with a selected transmission mode, and causing said communication means to execute facsimile communication in accordance with the selected facsimile communication mode,
wherein said control means selects the e-mail-based facsimile communication mode when the signal delay time detected by said detection means is longer than a predetermined time, and selects the session-based facsimile communication mode when the signal delay time is shorter than the predetermined time

4. (Amended) The apparatus according to claim 3, wherein said apparatus further comprises registration means for registering, in correspondence with the calling destination, identification data identifying facsimile communication mode which is selected by said control means and used for facsimile communication to the calling destination, and wherein said control means detects the signal delay time by said detection means, when the calling destination is selected and said control means cannot select the identification data corresponding to the selected calling destination from said registration means.

~~5.~~ (Amended) The apparatus according to claim 3, wherein said apparatus further comprises second detection means for detecting a reception capability of an external device at a calling destination, and

~~said control means changes, when the session-based facsimile communication mode is selected, a transmission original size in accordance with the reception capability detected by said second detection means.~~

~~6.~~ (Amended) The apparatus according to claim 3, wherein, when the session-based facsimile communication mode is selected, said control means converts a B4- or A3-size original into an A4-size original in accordance with the reception capability.

~~5.5 B.1> 7. (Amended) A facsimile apparatus control method capable of performing facsimile communication via the Internet, comprising the steps of:~~

~~selecting either one of a first or a second facsimile communication mode in accordance with a selected transmission mode; and~~

~~causing a communication unit capable of performing a first facsimile communication based on e-mail via the Internet and a second facsimile communication not based on e-mail via the Internet to execute facsimile communication in accordance with the selected facsimile communication mode,~~

~~wherein the first facsimile communication mode is selected by a first condition, and the second facsimile communication mode is selected by a second condition.~~

8. (Amended) The method according to claim 7, wherein, when the transmission mode is set to automatic selection, the first facsimile communication mode, which is an e-mail-based facsimile communication mode, is selected for an A4 original size as the first condition, and the second facsimile communication mode, which is a session-based facsimile communication mode, is selected for a B4 or A3 original size as the second condition.

9. (Amended) A computer-readable storage medium which stores a communication program for performing facsimile communication via the Internet, the communication program comprising:

a code of a communication step, of performing a first facsimile communication based on e-mail via the Internet and a second facsimile communication not based on e-mail via the Internet; and

a code of a control step, of selecting either one of a first or a second facsimile communication mode in accordance with a selected transmission mode, and causing execution of facsimile communication in accordance with the selected facsimile communication mode,

wherein said control means selects the first facsimile communication mode by a first condition, and selects the second facsimile communication mode by a second condition..

10. (Amended) The medium according to claim 9, wherein, when the transmission mode is set to automatic selection, selecting the first facsimile communication

mode, which is an e-mail-based facsimile communication mode, is selected for an A4 original size as the first condition, and the second facsimile communication mode, which is a session-based facsimile communication mode, is selected for a B4 or A3 original size as the second condition.

11. (Amended) A computer-readable storage medium which stores a communication program for performing facsimile communication via the Internet, the communication program comprising:

a code of a selecting step, of selecting either one of a first or a second facsimile communication mode in accordance with a selected transmission mode; and

a code of a control step, of causing a communication unit capable of performing a first facsimile communication based on e-mail via the Internet and a second facsimile communication not based on e-mail via the Internet to execute facsimile communication in accordance with the selected facsimile communication mode,

wherein the first facsimile communication mode is selected by a first condition, and the second facsimile communication mode is selected by a second condition..

12. (Amended) The medium according to claim 11, wherein the code of the control step comprises code for, when the transmission mode is set to automatic selection, selecting the first facsimile communication mode, which is an e-mail-based facsimile communication mode, for an A4 original size as the first condition, and selecting the second facsimile communication mode, which is a session-based facsimile communication mode, for a B4 or A3 original size as the second condition.

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13. (New) A facsimile apparatus capable of performing facsimile communication via the Internet, comprising:

a communication unit, adapted to perform a first facsimile communication based on e-mail via the Internet and a second facsimile communication not based on e-mail via the Internet; and

a controller, adapted to select either one of a first or a second facsimile communication mode in accordance with a selected transmission mode, and to cause said communication unit to execute facsimile communication in accordance with the selected facsimile communication mode,

wherein said controller selects the first facsimile communication mode by a first condition, and selects the second facsimile communication mode by a second condition.

14. (New) The apparatus according to claim 13, wherein, when the transmission mode is set to automatic selection, said controller selects the first facsimile communication mode, which is an e-mail-based facsimile communication mode, for an A4 original size as the first condition, and selects the second facsimile communication mode, which is a session-based facsimile communication mode, for a B4 or A3 original size as the second condition.

15. (New) A facsimile apparatus capable of performing facsimile communication via the Internet, comprising:

a communication unit adapted to perform session-based facsimile communication via the Internet and e-mail-based facsimile communication via the Internet; a detector, arranged to detect a signal delay time to a calling destination; and a controller, adapted to select either one of session-based facsimile communication mode and e-mail-based facsimile communication mode in accordance with a selected transmission mode, and to cause said communication unit to execute facsimile communication in accordance with the selected facsimile communication mode,

wherein said controller selects the e-mail-based facsimile communication mode when the signal delay time detected by said detector is longer than a predetermined time, and selects the session-based facsimile communication mode when the signal delay time is shorter than the predetermined time.

16. (New) The apparatus according to claim 15, wherein said apparatus further comprises a registration unit, adapted to register, in correspondence with the calling destination, identification data identifying facsimile communication mode which is selected by said controller and used for facsimile communication to the calling destination, and

wherein said controller detects the signal delay time by said detector, when the calling destination is selected and said controller cannot select the identification data corresponding to the selected calling destination from said registration unit.

17. (New) The apparatus according to claim 15, wherein said apparatus further comprises a second detector, arranged to detect a reception capability of an external device at a calling destination, and